

Inland navigation vessels - Boarding stairs

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1502:2023 sisaldab Euroopa standardi EN 1502:2023 ingliskeelset teksti.	This Estonian standard EVS-EN 1502:2023 consists of the English text of the European standard EN 1502:2023.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 08.02.2023.	Date of Availability of the European standard is 08.02.2023.
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English Version

Inland navigation vessels - Boarding stairs

Bateaux de navigation intérieure - Escaliers de
bordaille

Fahrzeuge der Binnenschifffahrt - Außenbordtreppen

This European Standard was approved by CEN on 2 January 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 1502:2023) has been prepared by Technical Committee CEN/TC 15 “Inland navigation vessels”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1502:2020.

The main changes compared to EN 1502:2020 are listed below:

- a) 5.1 has been replaced by “Watertightness”;
- b) 5.4 has been deleted.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document is applicable to boarding stairs for inland navigation vessels. Boarding stairs are used on inland navigation vessels for a safe transition into ship's boats, safe disembarking to the shore or a safe crossing over onto vessels with lower decks.

This document specifies safety requirements on the design, dimensions and strength and test methods for boarding stairs.

Boarding stairs are designed for vessels having a boarding height greater than 1,5 m above the light water-line. They can be used up to a height of around 3,0 m above the light water-line.

Boarding stairs are not intended for use by passengers.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 22768-1, *General tolerances - Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp/ui>

3.1
boarding stair
movable device with steps to be attached to the vessel's side for comfortable boarding and disembarking

3.2
string
<inland navigation> lateral limitation of a boarding stair supporting the steps

3.3
step
<inland navigation> tread of the boarding stair

3.4
inclination angle
<inland navigation> angle between the pitch line connecting the front edge of the steps and the horizontal line

3.5
handrail
<inland navigation> component parallel to the string (3.2) serving as handhold and as fall protection